

Some Code Changes in the 2012 IRC (v3)

Bold denotes amended by CT, * indicates of special interest to contractors

1. **105.3.1.1** 50% rule (flood) wording botched by State in last amendment corrected (Don Lucas amendment)
2. **110.9** Better explanation of when to issue a Certificate of Approval (Dave Jolley and Dave DeLeeuw amendment)
3. **202.1** Habitable attic definition changed to finished area (stairs required)
4. 301.2.1.2 The term "windows" changed to "exterior glazing" as it applies to windborne debris regions
5. 303.4 * <5ACH50 air infiltration rate requires whole-house mechanical ventilation
6. 308 Major language/organization clarification of glazing hazardous locations section
7. 311.7.5.2.1 Winder tread clarification, winders now allowed within a flight
8. 311.7.6 Quarter circle landings now allowed, no longer required to be 36" x 36" square
9. **314.5** * Wireless technology specifically NOT allowed for required smoke alarm interconnection
10. 316.4 New standard NFPA 275 allowed as alternative to covering foam with ½" sheetrock
11. **403.1** * Accessory structures without foundations required to be anchored to resist wind uplift
12. 405.1 * Filter membrane now required for surrounding or covering perforated footing drains
13. 501.3 * I-joint and <2x10 floors (incl. basements) now required to be ½" sheetrock or 5/8" plywood
14. 602.10 Entire braced wall section reorganized and simplified
15. 703.8 * Pan flashing required for windows and doors if details are not provided by the manufacturer
16. 806.5 * Unvented cathedral ceilings specifically allowed- air impermeable insulation or coating must be Class II vapor retarder (NO UNCOATED OPEN CELL FOAM IN CATHEDRAL CEILINGS)
17. 903.2.1 * Kick out flashing required where step flashing terminates at sidewall
18. 905.2.8.5 * Drip edge and rake edge now required for shingle roofs
19. 1101.1 * IECC and IRC energy requirements are now identical- BUT THE TRAINING WHEELS ARE OFF!
20. T1102.1.1* Ceiling prescriptive insulation goes to R-49, basement walls go to R-15 continuous or R-19 cavity (Note: Up to 500 sq. ft. cathedral still allowed R-30, raised heel trusses allow entire ceiling to be R-38)
21. 1102.2.3 * Eave baffle (Accu-vent) required for air permeable insulation in vented attics
22. **1102.4.1.2*** Blower door requires 3ACH50 to pass- exception allows visual inspection for additions and alterations
23. **1103.2.2** * Duct tightness test goes to max. 8cfm/100 sqft leakage tested across entire system including air handler (Exception allows up to 40 ft of system extensions during renovation without requiring testing)

24. 1102.4.2 New wood burning fireplaces shall have tight fitting dampers
25. 1103.4.2 * Hot water pipe insulation mandatory: Water heater to kitchen sink, to manifold, any ½" pipe run >20 ft., any ¾" pipe run >10 ft., supply and return piping entire recirculation system, all pipe >3/4"
26. 1502.4.2 * Dryer vent now required to be mechanically fastened- screws may not project >1/8" into duct
27. 1506.2 All air exhaust terminations must be minimum 3' from windows and either 10' from or 3' above air intakes
28. 1507.3.3 * Mechanical ventilation required to be continuous or intermittent at airflow rates as per table (based on # of bedrooms and size of house) (Note HRV or ERV not required)
29. 2412.2.1 LP Gas supplier identification required on tanks
30. 2503.5.1 * Testing of plastic DWV plumbing pipe with air is no longer allowed
31. 2801.5 * Storage type water heaters installed where a leak would cause damage now require a pan
32. 3103.5 * Plumbing vent terminals must be either >10' away or >3' above any door or openable window
33. 3609.7 * All gas piping (including black CSST) must be bonded to the grounding electrode system (Previous amendment to bond CSST according to manufacturer's directions now deleted) (Also note NFPA 54 7.13.2 applies: "shall be bonded between the point of delivery and the first downstream CSST fitting", not smaller than 6 AWG copper
34. 3901.7 * At least one electrical outlet to be installed on balcony, deck, or porch of any size
35. 3901.11 * Foyers >60 sq. ft. now required to have receptacles in each wall 3 ft. or greater in length
36. 3902.1.1 * All receptacles within 6 ft. of a tub or shower now required to be GFCI protected
37. 3902.1.2 * All receptacles in laundry areas now required to be GFCI protected
38. 3902.6.1 * Outlets that supply kitchen dishwasher circuits now required to be GFCI protected
39. 3902.12 * AFCI protection required for all 15 and 20 amp branch circuits supplying outlets
40. 3902.13 * AFCI protection is required when modifying, replacing, or extending a branch circuit
41. 4001.15 * Grounded conductor (neutral) required to be provided at the switch location
42. 4002.14 * Receptacles located >5.5 ft. above the floor not required to be tamper resistant
43. **APPENDIX F** * Newly constructed homes required to be provided with **RADON** mitigation preparation
44. Statute New building or addition requires B.O. to receive document providing name of concrete supplier and name of concrete installer prior to issuing a Certificate of Occupancy